

Eco-Community Dialogues Newsletter

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The Conservation Pledge

I pledge to protect and preserve the natural resources of the planet Earth, and promise to promote education so we may become caretakers of our air, water, land, forest, and wildlife.

Snow White's Apple

The GMO ARCTIC apple is problematic because it appears fresh even when decaying or rotten. RNA interference has destroyed the apple's natural defense system of turning brown when bitten or sliced. The lab-concocted *Genetically Modified Organisms* (GMO) apple hasn't undergone safety testing and so you, like *Snow White*, will be the petri dish, at the behest of Canadian OKANAGAN SPECIALTY FRUITS.

You'll never know when ARCTIC apples are being served in school lunches, in apple pie, in applesauce, in baby food, in juice blends, or in smoothies.

The *British Columbia Fruit Growers Association* and the *U.S. Apple Association* have anxiety about GMO ARCTIC APPLE cross-contamination of natural apples.

(Source: Fall 2013, FRIENDS OF THE EARTH NEWSMAGAZINE, "Food for Thought"; 1.877.843.8687 ext 759)

Global Spotlight on GMO Vanilla

It's only right to know what you are eating. There is natural and artificial vanilla already, but now there is one more. It's *Genetically Modified Organisms* (GMO) vanilla that comes out of a petri dish. This new GMO vanilla is unnaturally made in labs by computers using synthetic DNA and yeast. The yeast excretes vanilla flavoring.

The synthetic biology company, EVOLVA, in collaboration with INTERNATIONAL FLAVORS AND FRAGRANCES, is marketing the Franken Flavoring as SYN BIO VANILLA, using false advertising to call it "natural" and "sustainable". But that is fraudulent. It does not come from the vanilla bean or plant.

SYN BIO VANILLA jeopardizes natural vanilla farmers who survive by producing rainforest-raised vanilla beans. It means more clear-cutting of tropical forests for GMO sugar plantations.

From now on "Vanilla" listed as an ingredient may be SYN BIO masquerading as if "natural". SYN BIO VANILLA is biotech's gateway product for the newest synthetic biology GMO's to flood the marketplace, claiming they are all-natural, but that is cheating consumers. A person could call 1.877.843.8687 ext. 759 to find out more consumer information.

(Source: Fall 2013, FRIENDS OF THE EARTH NEWSMAGAZINE, "Food for Thought"; 1.877.843.8687 ext 759)

USDA Failure to Respond

ACQUABOUNTY's GMO SALMON carry hormones for twice the growth than is natural. The company's own studies show elevated levels of IGF-1 growth hormone, which may increase the risk of certain cancers in humans, if IGF-1 is absorbed and active in human bodies. That's frightful and should have been evidence enough.

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The FOOD AND DRUG ADMINISTRATION (FDA) is now poised to approve GMO SALMON with reckless abandon of the "Precautionary Principle", risking wild salmon and the environment. This is due to the U.S. DEPARTMENT OF AGRICULTURE's (USDA) failure to respond to protests by conservationists, consumers, fishermen, and scientists.

A peer-reviewed study published in a biological research journal, "Proceedings of the Royal Society" reports that GMO salmon can breed with wild trout to create offspring that may outcompete wild fish. It's sickening that AQUABOUNTY's salmon egg facility already came down with a deadly salmon anemia virus that could decimate wild fish populations if infected fish escape.

(Source: Fall 2013, FRIENDS OF THE EARTH NEWSMAGAZINE, "Food for Thought"; 1.877.843.8687 ext 759)

The Pale Horse Rides

Maybe you'll go to www.rdn.com, the Reverse Diabetes Naturally website. Dr. Gabriel Cousins, M.D. has authored two essential books, "There is a Cure for Diabetes, the Tree of Life 21-Day Program" and "Rainbow Green Life Cuisine" as well as a DVD entitled, "Simply Raw, Reversing Diabetes in Thirty Days". To order call 866.374.2920. For more information see <http://www.treeoflife.nu>.

Man could stop eating sentient beings because the number of people estimated to be living with diabetes worldwide soared to 382 million as the year closed. As the developing world embraces the cheesy, meaty *Standard American Diet* (SAD), the global diabetic epidemic is increasing.

The INTERNATIONAL DIABETES FEDERATION estimates a prevalence rate of 8.4 percent of the global adult population suffers diabetes, with an additional estimated 175 million diabetes cases as yet undiagnosed. Soon it will be a full tithe of humanity.

Published by the INTERNATIONAL DIABETES FEDERATION, the sixth edition of DIABETES ATLAS notes that diabetes is disabling, with life-threatening complications. The diabetic death toll is now 5.1 million a year, or one fatality every six seconds. It doesn't have to be this way.

As meat eating declines in AMERICA, the U.S. meat industry head hunts for overseas buyers. ASIA has a taste for kill. The corollary is that meat consumption in CHINA soared to 71 million tons last year, as did health consequences of eating earthlings. CHINA is now the nation with the most diabetics overall. The case load at present is 98.4 million diabetic Chinese.

The *Journal of the American Medical Association* (JAMA) reported that CHINA had surpassed AMERICA in diabetes prevalence. Dr. Barnard correlated that just two-days after the JAMA article published that half of all Chinese adults are pre-diabetic, with nearly 12 percent having the full blown disease, the U.S. government approved the \$7 billion sale of the world's largest pork producer, SMITHFIELD FOODS, to SHUANGHUI INTERNATIONAL HOLDINGS.

Besides CHINA, more than a third of adults in the MARSHALL ISLANDS, MICROEASIA, and TOKELAU are living with diabetes. The WESTERN PACIFIC has the highest diabetic prevalence rates on Earth. ASIA will need diabetic drugs, dialysis equipment, prosthetics, and diabetic testing supplies soon.

The INTERNATIONAL DIABETES FEDERATION calculates that the annual diabetic disease care industry is around \$548 billion. NOVO NORDISK, SANOFI, and ELI LILLY are all profiting as major suppliers of insulin and other diabetes supplies.

(Sources: Autumn 2013/Vol. XXII, No. 4, GOOD MEDICINE From the Physicians Committee for Responsible Medicine, Editorial "Exporting America's Meat Culture" by Neal D. Barnard, M.D., President of PCRM; Winter 2014 VISION, "Diabetes Battle 'Being Lost' As Cases Hit Record 382 Million", by Ben Hirschler LONDON, November 14, 2013, REUTERS)

GERMANY Opposes and Restricts Biotechnology

Last year BASF SE moved its global headquarters for biotechnology from GERMANY, to *Raleigh*, NORTH CAROLINA, because of biotech research restrictions and public opposition to biotechnology in GERMANY, where BASF SE has a mega-sized chemicals plant polluting the RHINE RIVER.

As the world's largest chemical producer, by sales, BASF SE's plant in *Ludwigshafen*, GERMANY, is a city-sized sprawling complex of twisted pipes, steam-belching coolers, distillation towers, specialty plant, and laboratories. The site's "Steam Cooker" is the size of 14-football fields. It distills gas and oil into products such as perfume, pesticides, and plastics.

One could feel alarmed that BASF SE's monstrous chemical plant in *Ludwigshafen* is on a \$4 billion spending spree to build chemical plants in AMERICA, for production of massive amounts of chemicals on our soil, not theirs. One of BASF SE's shopping sprees is for a new ammonia plant in the GULF COAST. Another is for a joint venture with TOTAL PETROCHEMICALS and REFINING USA for a plant in *Port Arthur*, TEXAS.

BASF SE's is also bent on exploiting the shale gas boom in NORTH DAKOTA, TEXAS, and PENNSYLVANIA.

And where is the ENVIRONMENTAL PROTECTION AGENCY (EPA) for crying out loud.

What if the U.S. SUPREME COURT acknowledged the biotech research restrictions in BASF SE's home country of GERMANY are reason enough to restrict BASF SE's biotech on our shores. One could shield our nation from the pollution suffered by the RHINE RIVER, by putting environmental safeguards above economic opportunism in the AMERICAN values system. There is only one EARTH.

Would knowing these facts have any value to the *Obama* Administration and CONGRESS, do you think, in light of the FAST TRAC trade deals this month.

Just suppose this time called now is the most pivotal point in world history, and you are called to make a difference to the future of the planet for your grandchildren. Their planet is in trouble and she needs your help. EARTH deserves to be better taken care of because she is that Great Mother of us all. *Everything I write has to do with the type of love that is necessary to heal the planet.*

Caught Red Handed

You might want to read the book "*How Much Have Global Problems Cost the World? A Scoreboard from 1900 to 2050*" authored by *Dr. Lomborg*. It was published in 2013 by CAMBRIDGE. *Dr. Lomborg* is *Director* of the COPENHAGEN CONSENSUS CENTER. He emphasizes that the INTERNATIONAL MONETARY FUND (IMF) is incorrect in saying that 44 cents per gallon of total gasoline tax goes uncollected in AMERICA. *Dr. Lomborg* argues that premise is incorrect.

There is a mathematical error in the IMF's recent report, "*Energy Subsidy Reform—Lessons and Implications*" because the report ignores the 49.5 cents per gallon in gasoline taxes that the American people actually do already pay.

Therefore the reading, writing, and 'rithmetic is that the calculated 44 cents is less than the actual U.S. tax of 49.5 cents per gallon. Therefore the \$350 billion in uncollected under-taxation is actually zero because of the over taxation. Apparently the IMF's figure of \$350 billion in uncollected under-taxation is a figment of the IMF's balance sheet.

Furthermore, *Dr. Lomborg's* analytical view is that solar, wind, and wave energy will power the world in a cleaner and more cost effective way than fossil fuels, once green-energy initiatives focus on new green technology innovations.

(Source: November 12, 2013, THE WALL STREET JOURNAL, "*Green Energy is the Real Subsidy Hog*")

Solar, Wind, and Wave

Sooner or later you might like to learn that the largest photovoltaic solar array in NORTH AMERICA is at the Nellis Air Force Base, in NEVADA.

A person may also learn that Marine bases in AFGHANISTAN reduced their need for fuel and battery deliveries by up to 90 percent by using solar panels.

You may feel even more surprised that the world's largest diesel/wind hybrid power plant is at the GITMO prison base.

How soon will net-energy-zero hybrid solar generators, solar fridges, and microgrids trickle down to civilian consumers.

(Source: April 2013, MOTHER JONES, "*Clean, Green Fighting Machines*")

Revelations

Former atomic bomb designer *Thomas Reed* and physicist *Danny Stillman*, have recounted in their history of nuclear proliferation, that it was the summer of 1942 when Nazi anti-Semitism forced physicists to relocate from GERMANY, to AMERICA and BRITAIN.

Enrico Fermi achieved the first atomic chain reaction in 1942 when the potential for atomic weapons was recognized.

Physicist *Leo Szilard* drafted *Albert Einstein's* letter to *Franklin Roosevelt*, which led to the *Manhattan Project*, the official U.S. efforts of atomic bomb making, under *General Leslie Groves*.

In 1945 the *Trinity* test in NEW MEXICO's dessert turned sand into green glass.

AMERICA's bombs "*Little Boy*" and "*Fat Man*" released about .04 megaton of combined "*Bombs Away*", just six days apart. Use of the atomic bomb double whammy compelled the unconditional surrender of JAPAN. The Plutonium for the "*Fat Man*" atomic bomb blast that AMERICA dropped on *Nagasaki, JAPAN*, ON August 9, 1945, was created at *Hanford, WASHINGTON*. As many as 200,000 people are believed to have died in *Hiroshima* and *Nagasaki* nearly 69-years ago.

The next year on July 25, 1946, as a part of *Operation Crossroads*, AMERICA tested a nuclear-weapon explosion at the PACIFIC OCEAN *Bikini Atoll*.

1952 was the year of the first U.S. fusion test in the *Pacific-atoll* testing ground, and by 1952 BRITAIN joined the Atomic Club with a test in AUSTRALIA.

In 1953 *Andrei Sakharov's* Soviet fusion work resulted in "*Layer Cake*" being exploded in *Kazakhstan, RUSSIA*.

By 1961 RUSSIA unleashed 50 megatons, and by the end of 1961 RUSSIA had increased its nuclear warhead stockpile to 4,200, and AMERICA was poised to increase to 27,000. But the danger of nuclear radioactive fallout was becoming well-known, so *John F. Kennedy* urged the abolishment of weapons of war, arguing that every inhabitant of EARTH must contemplate the day when EARTH may be uninhabitable.

"Every man, woman, and child lives under a nuclear sword of Damocles, hanging by the slenderest of threads, capable of being cut at any moment by accident, or miscalculation, or by madness."

--*John F. Kennedy* to the UNITED NATIONS GENERAL ASSEMBLY, September 25, 1961

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In 1962, RUSSIA did 79 detonation tests, with just one underground. AMERICA did 98 detonation tests, with half underground, in the NEVADA dessert. In July, 1962, AMERICA exploded the 1.5 megaton "Starfish Prime" in SPACE, 248 miles above EARTH. Radioactive fallout trickled down for the next 14-years, until at least 1976.

About the same time as "Starfish prime", RUSSIA was moving nuclear missiles to CUBA. The Cuban Missile Crisis ensued.

Twenty years later, in 1982, Ronald Reagan decried that a "Mutually Assured Destruction" (MAD) policy is madness. The Reagan Administration proposed a "Strategic Defense Initiative" (SDI) to protect AMERICA in case of a full-out superpower exchange. Reagan wanted research made as to how incoming ballistic missiles could be intercepted, before they could impact.

"I have approved a research program to find, if we can, a security shield that would render nuclear weapons obsolete. We will meet with the Soviets, hoping that we can agree on a way to rid the world of the threat of nuclear destruction"

—Ronald Reagan, second Inaugural Address, January 21, 1985

In 1986 Mikhail Gorbachev and Ronald Reagan met at the Summit in Reykjavik, ICELAND, and Reagan proposed the gradual elimination of nuclear weapons to RUSSIA, but Reagan walked out of the Summit because he refused giving up further SDI research in concession to Soviet promises of conventional and nuclear arms reductions.

In 1991 the "Star Wars" program under George H.W. Bush shifted to a more limited system meant to neutralize a small rogue attack.

The Doomsday Clock of the BULLETIN OF THE ATOMIC SCIENTISTS hovers is set at three, or five, minutes to midnight, because a one-megaton bomb, if detonated on land, could destroy more than 80 square miles, and AMERICA, BRITAIN, CHINA, FRANCE, GERMANY, and RUSSIA control an amassed 5,100 megatons. That's about 17,000 nuclear weapons.

Ira Heffand, Co-President of the INTERNATIONAL PHYSICIANS FOR THE PREVENTION OF NUCLEAR WAR, fears that thousands of nuclear weapons already exist that could be used as a first strike by AMERICA, BRITAIN, CHINA, FRANCE, GERMANY, INDIA, ISRAEL, NORTH KOREA, PAKISTAN, or RUSSIA. Each Trident submarine commonly carries 96 warheads, any one of which could cause a Nuclear Famine many times over, for example. Physicians are alarmed that even just a limited nuclear war could directly kill 20 million people, and bring on a Nuclear Winter, putting a probable two billion additional human lives at risk of Nuclear Famine.

It's already been 69 years of nuclear fear. That's two generations. For the sake of the third, fourth, fifth, and sixth generations, will Man please take up trowels for backyard gardening instead of nuclear spears. Enough nuke spearheads is enough. The time is ripe for the war games mentality to be so over with. MAN's human sacrifices to the god of War are just so passé. WOMB MAN must positively and definitely move forward the decision for GLOBAL NUCLEAR DISARMAMENT.

(Sources: Winter 2014, VISION, "Launch" by Dan Cloer; dan.cloer@visionjournal.org, and "The Eternal Optimist" by Laura Cloer and Dan Cloer; December 16, 2013, MAIL TRIBUNE, "Nuclear Disarmament: Looking Beyond Iran", by Robert Koehler)

Not Going to Need This House Much Longer

Nuclear energy plants are expensive to fix when things break, and many are old. In 2012 the Vermont Yankee nuclear-powered station near Brattleboro, VIRGINIA, sold to Entergy Corporation. The President of Entergy, Bill Mohl, is going to run the plant through 2014, and then it will be decommissioned by 2020.

(Source: December 26, 2013, THE WALL STREET JOURNAL, "Reactors on Slow Road to Demolition" by Rebecca Smith)

Getting Ready to Meet the Saints

Once a plant closes, it takes decades before it eventually gets razed and the site is made radiologically safe. Lots of issues slow the dismantling process. Nuclear energy plants are allowed up to 60-years to be dismantled, once shut down.

According to the NUCLEAR REGULATORY COMMISSION, the following older nuclear plants will be dismantled during the next 60-years. GE VBWR at *Sunol*, CALIFORNIA; Dresden 1 at *Morris*, ILLINOIS; NS Savannah at *Baltimore*, MARYLAND; Fermi 1 at *Newport*, MICHIGAN; Indian Point1 at *Buchanan*, NEW YORK; Peach Bottom at *Delta*, PENNSYLVANIA, and Kewaunee Power Station at *Kewaunee*, WISCONSIN.

(Source: December 26, 2013, THE WALL STREET JOURNAL, "Reactors on Slow Road to Demolition" by Rebecca Smith)

Friends of the Earth

Because of increased nuclear proliferation risks at the Savannah River site in SOUTH CAROLINA, FRIENDS OF THE EARTH requested the DEPARTMENT OF ENERGY to reassess "Mixed Oxide Fuel "(MOX) that is made by putting retired nuclear weapons plutonium into nuclear reactor fuel, and to find safer methods of plutonium disposal. For their action alerts, visit www.foe.org.

Pop Quiz

What are the flora and fauna of your state. In OREGON, the state flower is the Oregon Grape. The state bird is the Meadow Lark. The state tree is the Douglas fir. The state rock is the Thunder Egg. The state fish is the Chinook Salmon. The state animal is the American Beaver. The state butterfly is the Oregon Swallowtail. The state mushroom is the Pacific Golden Chanterelle. And the state nut is the Hazelnut. Your local Garden Club members can help you learn about the native flora and fauna in your area.

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